



# Metropolitan Transportation Commission

## Presents a Tech Transfer Seminar on

### **DETECTOR TECHNOLOGY**

**COST: FREE**

**WHEN: Monday, March 1, 2010, 1:00 p.m. – 4:00 p.m.**

**WHERE: MetroCenter Auditorium, 101 Eighth St., Oakland, CA 94607**

**RSVP: If you would like to attend this FREE seminar, send an e-mail by Feb. 22, 2010 to [techtransfer@mtc.ca.gov](mailto:techtransfer@mtc.ca.gov). Please indicate the name, email and affiliation of all attendees. Please send this information to others in your agency who would be interested in attending.**

**OVERVIEW:**

This seminar will present examples of detector technology applications such as vehicle and bicycle presence detection at intersections, freeway Traffic Monitoring Stations (TMS), ramp metering, traveler information, arterial data collection, and Transit Signal Priority (TSP). For each of the abovementioned applications, including a few special applications, several traditional and emerging in-pavement and non-intrusive detection technologies will be discussed and compared. Discussions of the detection alternatives will include comparisons of accuracy, costs, installation, maintenance, and hardware/software compatibility. Also, representatives from Bay Area local agencies will share their experiences on some recent detection system evaluations and deployments.

*Target Audience:* Bay Area transportation planners & traffic engineers, students and others interested in traffic operations

**SPEAKERS:**

- 1) Kevin Aguigui (Kimley-Horn and Associates, Inc.) – *Technical Speaker*
- 2) Brian Sowers (Kimley-Horn and Associates, Inc.) – *Technical Speaker*
- 3) Simin Timuri (City of Walnut Creek) – *Adaptive Technology and Video Detection along Ygnacio Valley Road corridor in Walnut Creek*
- 4) Sean Coughlin (Caltrans) – *Wireless Detection*
- 5) Sam Peiris (City of Palo Alto) – *Bicycle Detection in Palo Alto*